

# FAIL-SAFE®



## FMSLP FMS12CR FMS24CR

**1 3 W - 2 1 6 W**  
Fluorescent

**LOW PROFILE  
MAXIMUM SECURITY  
RECESSED LUMINAIRE  
T5 LAMP TECHNOLOGY  
T8 LAMP TECHNOLOGY**

- Lens choice of prismatic acrylic, prismatic polycarbonate or prismatic tempered glass on fixture side, clear polycarbonate or clear tempered glass on environmental side

- Stainless steel tamper-resistant TORX® screws with center pin reject are standard. Allen-head screws with center pin reject are optional

- Die-formed 12 ga.-18 ga. CRS body with continuous welded and ground ends. Standard white high reflectance polyester powder coat finish

- Lamps by others

- Lens secured by thru-studs and vertically adjustable internal CRS hold-downs

- Continuous, concealed piano hinge

- One-piece, CRS door frame with die-formed edges and tightly closed corners (gauge to match housing)

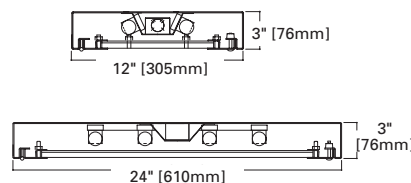
- Standard, Class P, CBM/ETL ballast

- U.L. listed, C.S.A. certified, standard wet label

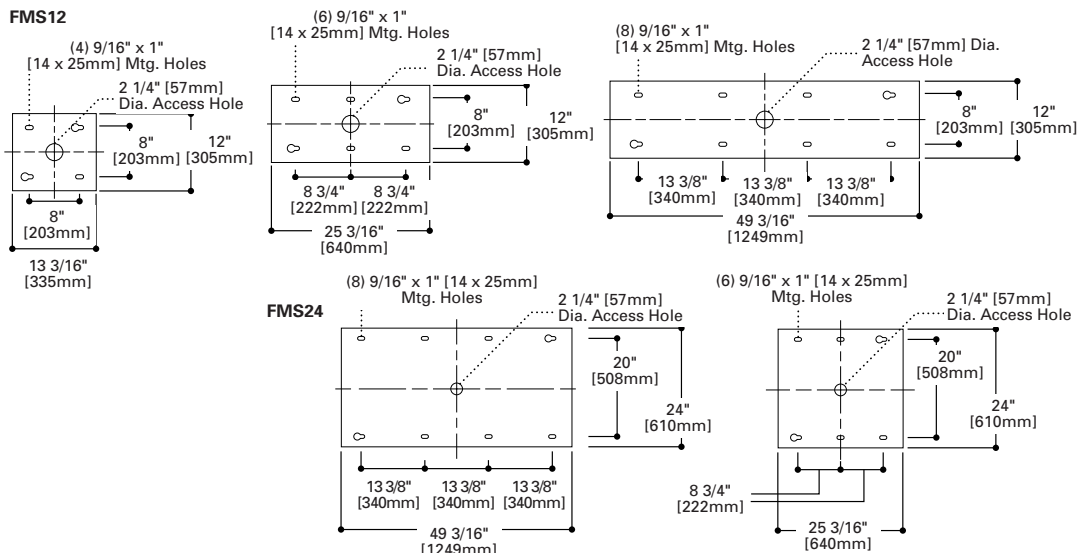
### DESCRIPTION

The Fail-Safe Low Profile FMSLP Series combines maximum security construction features with energy saving technology. This low profile surface mounted luminaire utilizes a one piece housing, security lensing and tamper resistant fasteners to maximize impact resistance and prevent unauthorized fixture penetration. An emergency battery pack is available as an option. U.L. listed and C.S.A. certified for wet locations.

### DIMENSIONS



### MOUNTING DIMENSIONS



### ORDERING INFORMATION

SAMPLE NUMBER: FMSLP-X12-232-277-80/86-EB81-SSN

<b>Product Family</b> FMSLP FMS12CR FMS24CR  <b>Housing</b> S=12 ga. (Ultimax) X=14 ga. (Maximum) D=16 ga. (Medium) N=18 ga. (Minimum) Leave Blank for CR  <b>Fixture Width</b> 12=12" 24=24" Leave Blank for CR	<b>Voltage</b> 120=120V 277=277V 347=347V UNV=120V through 277V	<b>Lens Type</b> Inner Layer (optional) 90=.005 UV Absorbing Overlay <b>Fixture Side</b> 80=.125 Prismatic Acrylic 81=.156 Prismatic Polycarbonate 82=.187 Prismatic Polycarbonate 93=.156 Prismatic Tempered Glass	<b>Environmental Side</b> 84=.125 Clear Polycarbonate 85=.187 Clear Polycarbonate 86=.250 Clear Polycarbonate 87=.375 Clear Polycarbonate 88=.500 Clear Polycarbonate <sup>7</sup> 94=.187 Clear Tempered Glass 96=.250 Clear Tempered Glass 97=.375 Clear Tempered Glass 98=.500 Clear Tempered Glass <sup>7</sup>	<b>Options</b> EBP=Emergency Battery Pack FNL=Fluorescent Night Light <sup>7</sup> GLR=Fuse and Holder RIF=Radio Interference Filter (for FMSLP24 only)  <b>Auto Control Modules</b> ACM/FNL=for FNL <sup>7</sup>  <b>On/Off Switches</b> SPS=Security Push Button <sup>7</sup> TCS=Touch Control System <sup>2,4,7</sup>  <b>Stainless Steel Door</b> SSN=Natural Brushed Finish <sup>7</sup> SSP=Polyester Powder Coat Finish <sup>7</sup>  <b>Fasteners</b> SF1=TORX®-Head (center pin reject) <sup>8</sup> SF3=Allen-Head (center pin reject) <sup>7</sup>
<b>Lamp Type</b> <b>1' Nom. Length</b> <b>Compact Fluorescent</b> <sup>2</sup> 113=(1) 13W Quad 213=(2) 13W Quad 126=(1) 26W Quad 226=(2) 26W Quad  <b>2' Nom. Length</b> <b>T5 Fluorescents</b> 114=(1) 14W Lamp 214=(2) 14W Lamps 414=(4) 14W Lamps 124=(1) 24W HO Lamp 224=(2) 24W HO Lamps 324=(3) 24W HO Lamps <sup>2</sup> 424=(4) 24W HO Lamps  <b>T8 Fluorescents</b> 117=(1) 17W Lamp 217=(2) 17W Lamps 417=(4) 17W Lamps	<b>Biaxial Fluorescents</b> 140BX=(1) 40W Lamp 240BX=(2) 40W Lamps 340BX=(3) 40W Lamps  <b>T8 U Lamps</b> 1U6T8=32W Lamp 1U15/8=31W Lamp 2U6T8=32W Lamp 2U15/8=31W Lamp 3U15/8=31W Lamp  <b>4' Nom. Length</b> <b>T5 Fluorescents</b> 128=(1) 28W Lamp 228=(2) 28W Lamps 428=(4) 28W Lamps 154=(1) 54W HO Lamp 254=(2) 54W HO Lamps 454=(4) 54W HO Lamps  <b>T8 Fluorescents</b> 132=(1) 32W Lamp 232=(2) 32W Lamps 432=(4) 32W Lamps	<b>Ballast</b> Blank=Magnetic Ballast (Standard) <sup>3,7</sup> LEOC8=T8 Energy Saving Ballast <sup>7</sup> LE3=Energy Saving Ballast <sup>8</sup>  <b>Electronic Ballast<sup>1</sup></b> EB81=(1) Ballast for use with T8 lamp  <b>EB82=(2) Ballasts for</b> use with T8 lamps  <b>EBX1=(1) Ballast for</b> use with Biaxial Lamp	<b>EBX2=(2) Ballasts</b> for use with Biaxial Lamps  <b>EB51=(1) Ballast for</b> use with T5 lamp  <b>EB52=(2) Ballasts for</b> use with T5 lamps  <b>EBT1=(1) Ballast for</b> use with Compact Fluorescent Lamp  <b>EBT2=(2) Ballasts for</b> use with Compact Fluorescent Lamps	<b>Accessories (Order Separately)</b> 9306=Allen-Head Wrench <sup>7</sup> MF12-2FT=Plaster Frame and Yoke Assembly <sup>5</sup> MF12-4FT=Plaster Frame and Yoke Assembly <sup>5</sup> MF24-2FT=Plaster Frame and Yoke Assembly <sup>6</sup> MF24-4FT=Plaster Frame and Yoke Assembly <sup>6</sup> VRSD=TORX®-Head Vandal Resistant Screwdriver

**Notes:** For additional options, consult your Cooper Lighting Representative. Specifications and Dimensions subject to change without notice. Electronic ballast may cause interference with other electronic devices. If interference occurs, move the device away from the product or plug/connect into a different circuit/outlet.

<sup>1</sup> For specific electronic ballast, specify brand and catalog number. <sup>2</sup> Requires Deep Housing=5". <sup>3</sup> For use with Compact Fluorescent, Biaxial, and 20W T12 lamps. <sup>4</sup> For additional information about the TCS option see pages 1106 and 1107. <sup>5</sup> 12" width only. <sup>6</sup> 24" width only. <sup>7</sup> Available on FMSLP fixtures only. <sup>8</sup> Available on FMS12CR and FMS24CR fixtures only.